## We claim:

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	vve claim:
1	A power system comprising:
2	a plurality of source inputs that are connectable to a plurality of input sources;
3	an OR circuit coupled to the source inputs and having an output;
4	a standby converter coupled to the OR circuit output that provides a voltage
5	rail responsive to a sufficient source voltage at the OR circuit output;
6	a power control circuit that is coupled to the standby converter and, responsive
7	to a control signal, provides a working voltage; and
8	at least one converter circuit that converts the working voltage to a supply
9	voltage.
1	2. The power system of claim 1 wherein the OR circuit is a diode OR
2	circuit.
1	3. The power system of claim 1 further including a power switch that
2	couples the working voltage to the at least one converter circuit.

- 1 4. The power system of claim 3 wherein the power switch is a power FET.
  - 5. The power system of claim 1 wherein the power control circuit is further responsive to command signals to provide the working voltage.
- 1 6. The power system of claim 5 wherein the at least one converter circuit 2 provides at least one of the command signals.
- 1 7. The power system of claim 1 wherein the at least one converter circuit 2 includes a mid-rail converter.
- 1 8. The power system of claim 1 wherein the at least one converter circuit 2 includes a low-rail converter.
- 1 9. The power system of claim 8 wherein the at least one converter circuit further includes a mid-rail converter.
- 1 10. A power system comprising:
- 2 a plurality of source inputs that are connectable to a like plurality of DC voltage 3 input sources;
- 4 an OR circuit coupled to the source inputs and having an output;

5 6 7 8 9	a standby converter coupled to the OR circuit output that provides a voltage rail responsive to a sufficient source voltage at the OR circuit output; a power control circuit that is coupled to the standby converter and, responsive to a control signal, provides a working voltage; and a plurality of converter circuits that convert the working voltage to a plurality of different DC supply voltages.
1	11. The power system of claim 10 wherein the OR circuit is a diode OR
2	circuit.
1 2	12. The power system of claim 10 further including a power switch that couples the working voltage to the at least one converter circuit.
1 2	13. The power system of claim 12 wherein the power switch is a power FET.
1	14. The power system of claim 10 wherein the power control circuit is further responsive to command signals to provide the working voltage.
1 2	15. The power system of claim 14 wherein the plurality of converter circuits provides one of the command signals.
1 2	16. The power system of claim 10 wherein the plurality of converter circuits includes a mid-rail converter.
1 2	17. The power system of claim 10 wherein the plurality of converter circuits includes a low-rail converter.
1	18. A power system comprising:
2	a plurality of source inputs that are connectable to a like plurality of DC voltage
3	input sources;
4	a diode OR circuit coupled to the source inputs and having an output;
5	a standby converter coupled to the OR circuit output that provides a voltage
6	rail responsive to a sufficient source voltage at the OR circuit output;
7	a power control circuit that is coupled to the standby converter and, responsive
8 9	to a control signal, provides a working voltage; and a plurality of converter circuits that convert the working voltage to a plurality of
10	supply voltages; and

- 11 a power switch that couples the working voltage from the control circuit to the 12 converter circuits. 1 19. The power system of claim 18 wherein the power switch is a power 2 FET. 20. 1 The power system of claim 18 wherein the power control circuit is 2 further responsive to command signals to provide the working voltage. 1 21. The power system of claim 20 wherein the plurality of converter circuits 2 provides at least one of the command signals. 1 22. The power system of claim 18 wherein the plurality of converter circuits 2 includes a mid-rail converter. 1 23. The power system of claim 18 wherein the plurality of converter circuits 2 includes a low-rail converter. 1 24. A method of providing a supply voltage comprising: 2 providing a plurality of source input voltages; 3 ORing the source input voltages to providing a source voltage; 4 monitoring the source voltage; 5 generating a control signal responsive to the source voltage being above a 6 given level; 7 a responsive to the control signal, providing a working voltage from the source
- 9 converting the working voltage to a supply voltage.

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voltage; and

1 25. The power system of claim 2 wherein the diode OR is a Schottky power 2 diode OR circuit.